

	<b>Title</b>	<b>Current XRef</b>	<b>Retrieval Classif</b>
<b>1</b>	<b>Method of using a pulling tool for pulling off a rotor or fan from a shaft</b>	<b>29/426.1; 29/598; 29/732</b>	
<b>2</b>	<b>Hand tool for extracting bolts</b>		
<b>3</b>	<b>Method of using a pulling tool</b>	<b>29/426.5</b>	
<b>4</b>	<b>Cylindrical member and engagement member assembly using plural fitting portion pairs</b>	<b>29/895.22; 399/117; 399/279</b>	
<b>5</b>	<b>Pulling tool</b>	<b>29/261; 29/426.5; 29/598; 29/764</b>	
<b>6</b>	<b>Pulling tool</b>	<b>29/261; 29/426.4; 29/598; 29/764</b>	
<b>7</b>	<b>Pulling tool</b>	<b>29/261; 29/426.4; 29/598; 29/764</b>	
<b>8</b>	<b>Pulling tool</b>	<b>29/261; 29/426.4; 29/598; 29/764</b>	
<b>9</b>	<b>Pulling tool</b>	<b>29/261; 29/426.4; 29/598; 29/764</b>	
<b>10</b>	<b>Transmission clutch housing removal tool set</b>		
<b>11</b>	<b>Method for retubing a steam generator</b>	<b>165/76; 29/402.08; 376/402; 976/DIG.293</b>	
<b>12</b>	<b>PULLING TOOL</b>	<b>29/264</b>	
<b>13</b>	<b>PULLING TOOL</b>	<b>29/264</b>	

	<b>Document ID</b>	<b>Issue Date</b>	<b>Pages</b>	<b>Current OR</b>
<b>1</b>	<b>US 20020138976 A1</b>	<b>20021003</b>	<b>12</b>	<b>29/762</b>
<b>2</b>	<b>US 6560836 B1</b>	<b>20030513</b>	<b>10</b>	<b>29/259</b>
<b>3</b>	<b>US 6249958 B1</b>	<b>20010626</b>	<b>11</b>	<b>29/598</b>
<b>4</b>	<b>US 5739900 A</b>	<b>19980414</b>	<b>72</b>	<b>355/109</b>
<b>5</b>	<b>US 5606788 A</b>	<b>19970304</b>	<b>11</b>	<b>29/259</b>
<b>6</b>	<b>US 5479688 A</b>	<b>19960102</b>	<b>11</b>	<b>29/259</b>
<b>7</b>	<b>US 5390404 A</b>	<b>19950221</b>	<b>10</b>	<b>29/259</b>
<b>8</b>	<b>US 5211211 A</b>	<b>19930518</b>	<b>7</b>	<b>29/259</b>
<b>9</b>	<b>US 5163211 A</b>	<b>19921117</b>	<b>5</b>	<b>29/259</b>
<b>10</b>	<b>US 4656715 A</b>	<b>19870414</b>	<b>7</b>	<b>29/259</b>
<b>11</b>	<b>US 4192053 A</b>	<b>19800311</b>	<b>14</b>	<b>29/890.031</b>
<b>12</b>	<b>US 3863322 A</b>	<b>19750204</b>	<b>7</b>	<b>29/283</b>
<b>13</b>	<b>US 3748718 A</b>	<b>19730731</b>	<b>5</b>	<b>29/283</b>

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<b>3</b>	<b>Bubino, Michael et al.</b>
<b>4</b>	<b>Isobe, Hironobu</b>
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<b>6</b>	<b>Rubino, Michael et al.</b>
<b>7</b>	<b>Rubino, Michael et al.</b>
<b>8</b>	<b>Rubino, Michael et al.</b>
<b>9</b>	<b>Rubino, Michael et al.</b>
<b>10</b>	<b>Diaz, Eusebio M.</b>
<b>11</b>	<b>Blanco, Rodney A. et al.</b>
<b>12</b>	<b>Russell, Curtis J.</b>
<b>13</b>	<b>Russell, Curtis J.</b>

*East searched*

L Number	Hits	Search Text	DB	Time stamp
1	13	pulling near tool and motor and fan and 29/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/05 14:18
2	89	pulling near tool and (29/764; 29/762 ; 29/758 ; 29/258-262 ; 29/267 ; 29/596 ; 29/598 ; 29/426.5).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/05 14:17
3	0	Rubino near Michael .inv. and  Berg near Michael .inv. and Rubino near Carol .inv.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/05 14:21
4	1	Rubino near Michael .inv.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/05 14:20
5	14	Rubino near Michael .inv.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/05 14:21
6	2	Rubino near Michael .inv. and  Berg near Michael .inv. and Rubino near Carol .inv.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/05 14:22
7	6	Rubino near Michael .inv. and  Berg near Michael .inv.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/05 14:22
8	14	Rubino near Michael .inv.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/05 14:22
9	2	("2188074"   "4077103").PN.	USPAT	2003/11/05 14:23

US-PAT-NO: 6249958

DOCUMENT-IDENTIFIER: US 6249958 B1

TITLE: Method of using a pulling tool

DATE-ISSUED: June 26, 2001

INVENTOR-INFORMATION:

NAME	STATE	ZIP CODE	COUNTRY	CITY	
Bubino; Michael				Chicago	IL
	N/A	N/A			
Berg; Michael				Elgin	IL
	N/A	N/A			

US-CL-CURRENT: 29/598, 29/426.5

CLAIMS:

What is claimed is:

1. A method of using a pulling tool for pulling off a rotor of a motor or a fan from a shaft, said pulling tool comprising an elongated screw having a first end and a second end, a housing with which said screw is threadingly received, said housing comprising a first open end through which threadingly passes said screw, and a second open end through which protrudes said second end of said screw, said housing comprising at least first securing means for releasably holding a fan, said first securing means comprising a plurality of hooked securing arm-members, each said arm-member having a first end and a second hooked end, said second end of each said arm-member being capable of being hung so as to protrude beyond said second open end of said housing, said housing comprising a first, relatively-narrower section having a first end

constituting said first open end, and a second end; and a second, relatively-larger section having a first end connected to said second end of said first section, and a second end constituting said second open end of said housing; said first end of said second section comprising an annular surface portion; said annular surface portion having groove means formed therein for receiving said second ends of said arm-members, said method comprising:

(a) inserting said first ends of said plurality of arm-members in said groove means; and

(b) slidably moving said first ends in said groove means in order to achieve a desired spacing between said first ends, whereby said arm-members are spaced apart in an optimal fashion.

2. The method according to claim 1, wherein said groove-means comprises a continuous groove extending for a full 360 degrees about said annular surface, said step (b) providing a substantially infinite spacing-adjustment capability between said arm-members.

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Bubino; Michael				Chicago	IL
	N/A	N/A			
Berg; Michael				Elgin	IL
	N/A	N/A			

INT-CL: [07] H02K015/02

US-CL-ISSUED: 29/598, 29/426.5

US-CL-CURRENT: 29/598, 29/426.5

FIELD-OF-SEARCH: 29/598; 29/596 ; 29/764 ; 29/762 ; 29/758  
; 29/258-262  
; 29/267 ; 29/426.4

REF-CITED:

PAT-NO	U.S. PATENT DOCUMENTS	ISSUE-DATE	PATENTEE-NAME
		US-CL	
<u>2188074</u>	January 1940		Condon
29/261	<u>N/A</u>		N/A
4077103	March 1978		<u>Kelley</u>
29/259	N/A		N/A

ART-UNIT: 379

PRIMARY-EXAMINER: Hall; Carl E.